

536 Logistics Reassignment

Functional Group ID=**LR**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Logistics Reassignment Transaction Set (536) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to provide information necessary to transfer management responsibility between an old and new managing organization. This transaction set may be used to convey a description and quantity of the transferred material, specific inventory locations, product quality information, technical data, open contract information, demand data, procurement history, and other information necessary for the new managing organization to evaluate and meet the material needs of customers.

Notes:

1. Losing Item Managers (LIMs) use this transaction set to provide the Gaining Item Manager (GIM) with general management information, backorder and demand data, onhand data, due-in data, contract history data, and Product Quality Deficiency Report (PQDR) history data in conjunction with the transfer of inventory management responsibility during logistics reassignment.

2. Use a single occurrence of this transaction set to transmit logistics reassignment management data to one or more GIMs. Use one occurrence of this transaction set to transmit a single or multiple transactions.

3. Users operating under the Defense Logistics Management System (DLMS) must reference the DLMS Unit of Issue and Purchase Unit Conversion Table which can be found on the National Institute of Standards and Technology (NIST) World Wide Web site.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BR	Beginning Segment for Material Management	M	1		
Not Used	030	N9	Reference Identification	O	20		
Not Used	040	G62	Date/Time	O	10		
LOOP ID - LM						20	
Not Used	050	LM	Code Source Information	O	1		
Not Used	060	LQ	Industry Code	M	100		
LOOP ID - N1						20	
	070	N1	Name	O	1		
Not Used	080	N2	Additional Name Information	O	2		
Not Used	090	N3	Address Information	O	2		
Not Used	100	N4	Geographic Location	O	1		
	110	G61	Contact	O	10		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - HL			>1	
Must Use	010	HL	Hierarchical Level	M	1		
	020	LIN	Item Identification	O	1		
	030	CS	Contract Summary	O	1		
	040	QTY	Quantity	O	>1		
	050	RCD	Receiving Conditions	O	1		
	060	N9	Reference Identification	O	>1		
	070	CON	Contract Number Detail	O	>1		
	080	G62	Date/Time	O	50		
	090	CTP	Pricing Information	O	10		
	100	G69	Line Item Detail - Description	O	30		
Not Used	110	DD	Demand Detail	O	100		
	120	LDT	Lead Time	O	3		
	130	MEA	Measurements	O	5		
Not Used	140	PKG	Marking, Packaging, Loading	O	5		
	150	PWK	Paperwork	O	1		
	160	MSG	Message Text	O	10		
			LOOP ID - LM			20	
Must Use	170	LM	Code Source Information	O	1		
Must Use	180	LQ	Industry Code	M	100		
			LOOP ID - N1			50	
	190	N1	Name	O	1		
Not Used	200	N2	Additional Name Information	O	2		
Not Used	210	N3	Address Information	O	2		
Not Used	220	N4	Geographic Location	O	1		
Not Used	230	G61	Contact	O	10		
Must Use	240	SE	Transaction Set Trailer	M	1		

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143		Transaction Set Identifier Code	M ID 3/3
				Code uniquely identifying a Transaction Set	
			536	X12.243 Logistics Reassignment	
				Transaction set for reporting information needed by a new manager when transferring inventory management responsibility between organizations	
Must Use	ST02	329		Transaction Set Control Number	M AN 4/9
				Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
				<i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	

Segment: **BR** Beginning Segment for Material Management

Position: 020

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of a material management transaction and transmit identifying numbers and dates

Syntax Notes:

- 1 If BR05 is present, then BR04 is required.
- 2 If either BR07 or BR08 is present, then the other is required.
- 3 If either BR10 or BR11 is present, then the other is required.

Semantic Notes:

- 1 BR03 is the date of the transaction set preparation.
- 2 BR09 is the time of the transaction set preparation

Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BR01	353	Transaction Set Purpose Code	M ID 2/2
			Code identifying purpose of transaction set	
			00 Original	
			77 Simulation Exercise	
			<i>Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.</i>	
Must Use	BR02	640	Transaction Type Code	M ID 2/2
			Code specifying the type of transaction	
			LR Logistics Reassignment	
			Information related to the transfer of material management responsibility	
			<i>Use to indicate this transaction set provides logistics reassignment management information.</i>	
Must Use	BR03	373	Date	M DT 6/6
			Date (YYMMDD)	
			<i>This date corresponds to the Universal Time Coordinate (UTC).</i>	
Not Used	BR04	67	Identification Code	X AN 2/20
			Code identifying a party or other code	
Not Used	BR05	66	Identification Code Qualifier	O ID 1/2

			Code designating the system/method of code structure used for Identification Code (67)	
Not Used	BR06	306	Action Code	O ID 1/2
			Code indicating type of action	
Not Used	BR07	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	BR08	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Must Use	BR09	337	Time	O TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
			<i>1. Express the originating activity's time in UTC.</i>	
			<i>2. Express time in a four-position (HHMM) format.</i>	
Not Used	BR10	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	BR11	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment:	N1 Name
Position:	070
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<i>Must use this 1/N1/070 loop to identify the organization originating the transaction set.</i>

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	N101	98 Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		ZN Losing Inventory Manager	
		The organization losing management responsibility for an individual item of supply	
Not Used	N102	93 Name	X AN 1/35
		Free-form name	
Must Use	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		1 D-U-N-S Number, Dun & Bradstreet	
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		10 Department of Defense Activity Address Code (DODAAC)	
		M4 Department of Defense Routing Identifier Code (RIC)	
		An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions	
Must Use	N104	67 Identification Code	X AN 2/20
		Code identifying a party or other code	
Not Used	N105	706 Entity Relationship Code	O ID 2/2

		Code describing entity relationship			
Must Use	N106	98	Entity Identifier Code	O	ID 2/2
		Code identifying an organizational entity, a physical location, or an individual			
		FR	Message From	<i>Must use to indicate the organization cited in N104 is originating the transaction set.</i>	

Segment: **G61** Contact

Position: 110

Loop: N1 Optional

Level: Heading

Usage: Optional

Max Use: 10

Purpose: To identify a person or office to whom communications should be directed

Syntax Notes: 1 If either G6103 or G6104 is present, then the other is required.

Semantic Notes:

Comments: 1 G6103 qualifies G6104.

Notes:

1. Use in the 1/N1/070 From loop to identify the LIM point of contact (POC) when direct communications are required.

2. Use multiple repetitions to identify the POC and multiple communication numbers. When using multiple repetitions to identify different communication numbers for a single POC, repeat the name cited in G6102.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	G6101	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			MG Manager	
			<i>Use to identify the LIM point of contact.</i>	
Must Use	G6102	93	Name	M AN 1/35
			Free-form name	
			<i>Provide the last name, first name, middle initial, and rate/rank/title, as needed, of the individual named as POC. Include blank spaces between name components and periods after initials. Do not include No Middle Name (NMN) or No Middle Initial (NMI) when a middle initial is not available.</i>	
Must Use	G6103	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	
			<i>1. Use to identify the preferred method of communication in the first repetition. Use additional repetitions when identifying alternate communication methods.</i>	
			<i>2. Do not include blank spaces, dashes, or parentheses between numbers.</i>	
			AU Defense Switched Network	
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
			<i>Use to identify the DSN telephone number.</i>	

			EM	Electronic Mail	
			EX	Telephone Extension	
				<i>Use immediately following codes AU, IT or TE to identify a telephone extension.</i>	
			FX	Facsimile	
				<i>Use to identify the facsimile (FAX) telephone number.</i>	
			IT	International Telephone	
				<i>Include country and city code.</i>	
			TE	Telephone	
				<i>Use to identify the commercial telephone number. Include the area code and number.</i>	
			TL	Telex	
			TX	TWX	
Must Use	G6104	364	Communication Number		X AN 1/80
			Complete communications number including country or area code when applicable		
	G6105	443	Contact Inquiry Reference		O AN 1/20
			Additional reference number or description to clarify a contact number		
			<i>Use to indicate the office symbol or activity code for the party identified.</i>		

Segment: **HL** Hierarchical Level
Position: 010
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:**Semantic Notes:**

- Comments:**
- 1** The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
 - 2** HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
 - 3** HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
 - 4** HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
 - 5** HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes:

1. The transaction set hierarchical data structure is general management and material description information (product description) followed by subordinate backorder and demand (quantity), onhand inventory (item), due-in resources (order), historical contract (contract), and product quality deficiency report (quality characteristics) information loops. The product quality deficiency report loop is followed by subordinate PQDR complaint (line detail) loops.

2. Must use a single 2/HL/010 product description loop iteration to identify each item of supply (e.g., National Stock Number (NSN)) for which subsequent logistics reassignment information is furnished and the GIM.

3. Use a single 2/HL/010 quantity loop, as needed, for each 2/HL/010 product in description loops to identify backorder and demand quantities associated with each NSN undergoing logistics reassignment.

4. Use multiple 2/HL/010 item loops, as needed, in 2/HL/010 product description loops to identify the onhand quantity information associated with each NSN undergoing logistics reassignment.

5. Use multiple 2/HL/010 order loops, as needed, in 2/HL/010 product description

loops to identify due-in quantity information associated with each NSN undergoing logistics reassignment.

6. Use up to 25 2/HL/010 contract loops, as needed, for each 2/HL/010 product description loop to identify contract history information associated with each NSN undergoing logistics reassignment.

7. Use multiple 2/HL/010 quality characteristics loops, as needed, for each 2/HL/010 product description loop to identify the summary contents of PQDRs associated with each NSN undergoing logistics reassignment.

8. Use multiple 2/HL/010 line detail loops, as needed, for each quality characteristics loop to identify each complaint cited on each PQDR.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	HL01	628	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure <i>In the first 2/HL/010 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.</i>	M AN 1/12
	HL02	734	Hierarchical Parent ID Number Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to <i>1. Must use in every 2/HL/010 quantity, item, order, contract, and quality characteristics loop iteration to identify the product description loop with which the current loop is associated. Data element content is the sequential number assigned to the 2/HL/010 product description loop iteration and serves as the cross-reference between the item of supply and all other information provided in the transaction.</i> <i>2. Must use in every 2/HL/010 line detail loop iteration to identify the quality characteristics loop with which the current loop is associated. Data element content is the sequential number assigned to the applicable 2/HL/010 quality characteristics loop iteration and serves as the cross-reference between the PQDR and the various complaints cited in the PQDR.</i>	O AN 1/12
Must Use	HL03	735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure 9 Line Detail Code identifying the supporting detail associated with the charge or group <i>Use to identify the individual complaints for each PQDR.</i>	M ID 1/2

D	Product Description <i>Use to identify the individual item of supply (e.g., NSN) and all general management and descriptive information.</i>
G	Quality Characteristics A historical record of product quality characteristics and or discrepancies for a given item of supply <i>Use to identify the individual completed PQDRs associated with the item of supply.</i>
I	Item <i>Use to identify the onhand asset data stratified by storage location, ownership, and material condition for the item of supply.</i>
IB	Contract An agreement between partners <i>Use to identify contract history data for the item of supply.</i>
O	Order <i>Use to identify the due-in asset data stratified by storage location, type of due-in, and date due for the item of supply.</i>
R	Quantity <i>Use to identify the backorder and demand data for the item of supply.</i>

Not Used	HL04	736	Hierarchical Child Code	O ID 1/1
Code indicating if there are hierarchical child data segments subordinate to the level being described				

Segment:	LIN Item Identification
Position:	020
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic item identification data
Syntax Notes:	<ol style="list-style-type: none"> 1 If either LIN04 or LIN05 is present, then the other is required. 2 If either LIN06 or LIN07 is present, then the other is required. 3 If either LIN08 or LIN09 is present, then the other is required. 4 If either LIN10 or LIN11 is present, then the other is required. 5 If either LIN12 or LIN13 is present, then the other is required. 6 If either LIN14 or LIN15 is present, then the other is required. 7 If either LIN16 or LIN17 is present, then the other is required. 8 If either LIN18 or LIN19 is present, then the other is required. 9 If either LIN20 or LIN21 is present, then the other is required. 10 If either LIN22 or LIN23 is present, then the other is required. 11 If either LIN24 or LIN25 is present, then the other is required. 12 If either LIN26 or LIN27 is present, then the other is required. 13 If either LIN28 or LIN29 is present, then the other is required. 14 If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1 LIN01 is the line item identification
Comments:	<ol style="list-style-type: none"> 1 See the Data Dictionary for a complete list of IDs. 2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	<p><i>1. Must use in every 2/HL/010 product description loop to identify the item of supply.</i></p> <p><i>2. Use data element 235/234 pairs to identify data pertinent to the transaction. Unless otherwise specified, the multiple codes listed for a single qualifier data element identify the range of possible data requirements. When needed, use the next available combination of data element 235/234 pairs to provide the necessary data.</i></p>

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Not Used	LIN01	350 Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
Must Use	LIN02	235 Product/Service ID Qualifier	M ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		FS National Stock Number	
		<i>Must use to identify the National Stock Number</i>	

(NSN).			
Must Use	LIN03	234	Product/Service ID M AN 1/40 Identifying number for a product or service
	LIN04	235	Product/Service ID Qualifier X ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234) <i>1. Use codes EQ, F7, MN, or SW only during review periods 1 and 2.</i> <i>2. Use only one of codes EQ, F7, MN, or SW to describe a single end item application associated with the item of supply.</i> <i>3. Use up to five repetitions of the data element 235/234 pairs to describe multiple different end item applications for the item of supply. Sequence applications in descending order of critical priority.</i>
		EQ	Equipment Type <i>Use to identify an end item type associated with the item of supply.</i>
		F7	End-Item Description Item identifier describes an end-item associated with the use of the required material <i>Use to identify an end item name associated with the item of supply.</i>
		MN	Model Number <i>Use to identify an end item model number associated with the item of supply.</i>
		SW	Stock Number <i>Use to identify an end item NSN associated with the item of supply.</i>
	LIN05	234	Product/Service ID X AN 1/40 Identifying number for a product or service
	LIN06	235	Product/Service ID Qualifier X ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003060 Data Element Dictionary for acceptable code values.
	LIN07	234	Product/Service ID X AN 1/40 Identifying number for a product or service
	LIN08	235	Product/Service ID Qualifier X ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003060 Data Element Dictionary for acceptable code values.
	LIN09	234	Product/Service ID X AN 1/40 Identifying number for a product or service
	LIN10	235	Product/Service ID Qualifier X ID 2/2

			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 003060 Data Element Dictionary for acceptable code values.	
	LIN11	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
	LIN12	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 003060 Data Element Dictionary for acceptable code values.	
	LIN13	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
Not Used	LIN14	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN15	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
Not Used	LIN16	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN17	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
Not Used	LIN18	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN19	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
Not Used	LIN20	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN21	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
Not Used	LIN22	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN23	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	
Not Used	LIN24	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	LIN25	234	Product/Service ID	X AN 1/40
			Identifying number for a product or service	

Not Used	LIN26	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN27	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	LIN28	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN29	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	LIN30	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN31	234	Product/Service ID Identifying number for a product or service	X	AN 1/40

Segment:	CS Contract Summary
Position:	030
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To provide information about a contract
Syntax Notes:	1 If either CS04 or CS05 is present, then the other is required.
Semantic Notes:	1 CS09 is the permissible overage as a percentage of the total contract line item number (CLIN) quantity. 2 CS10 is the permissible shortage as a percentage of the total contract line item number (CLIN) quantity. 3 CS11 is the permissible overage dollar value specified by the contract above which discrepancy action is taken. 4 CS14 is the Unit of Measure stipulated in the contract. 5 CS15 is the contract line item number (CLIN) unit price specified in the contract. 6 CS17 conveys the Critical Application Indicator. A "Y" indicates that a Critical Application Indicator is specified in the contract; an "N" indicates that no Critical Application Indicator is specified in the contract. 7 CS18 conveys the Special Requirements Indicator. A "Y" indicates that a Special Requirements Indicator (requiring special testing and or evaluation) is specified in the contract; an "N" indicates that no Special Requirements Indicator is specified in the contract.
Comments:	1 CS04 may be used to identify the Contract Line Item Number (CLIN) or Extended (or Exhibit) Line Item Number (ELIN). 2 CS07 and CS13 can be used to indicate two different types of special services required.
Notes:	<i>1. Use in the 2/HL/010 product description loop to identify the place of inspection established for the item of supply.</i> <i>2. Must use in every 2/HL/010 contract loop to identify historical contract information for the item of supply.</i> <i>3. Must use in every 2/HL/010 quality characteristics loop to identify PQDR contract information for the item of supply.</i>

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	CS01	367 Contract Number	O AN 1/30
		Contract number	
		<i>Must use in every 2/HL/010 contract and quality characteristics loop to identify the contract number.</i>	
Not Used	CS02	327 Change Order Sequence Number	O AN 1/8
		Number assigned by the orderer identifying a specific change or revision	

			to a previously transmitted transaction set		
	CS03	328	Release Number	O	AN 1/30
			Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction		
			<i>Use in the 2/HL/010 contract loop to identify the call or order number, including the respective call or order modification, as applicable.</i>		
	CS04	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
		C7	Contract Line Item Number		
			<i>Use only in the 2/HL/010 contract loop to identify the line item number consisting of the Contract Line Item Number (CLIN), including the respective Subcontract Line Item Number (SUBCLIN), as applicable.</i>		
	CS05	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	CS06	324	Purchase Order Number	O	AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser		
Not Used	CS07	560	Special Services Code	O	ID 2/10
			Code identifying the special service		
Not Used	CS08	433	F.O.B. Point Code	O	ID 2/2
			Code identifying type of F.O.B. point		
	CS09	954	Percent	O	R 1/10
			Percentage expressed as a decimal		
			<i>Use in the 2/HL/010 contract loop to identify the percentage of positive quantity variance permitted.</i>		
	CS10	954	Percent	O	R 1/10
			Percentage expressed as a decimal		
			<i>Use in the 2/HL/010 contract loop to identify the percentage of negative quantity variance permitted.</i>		
Not Used	CS11	782	Monetary Amount	O	R 1/15
			Monetary amount		
Not Used	CS12	336	Terms Type Code	O	ID 2/2
			Code identifying type of payment terms		
	CS13	560	Special Services Code	O	ID 2/10
			Code identifying the special service		
			<i>Use in the 2/HL/010 product description loop, for review periods 1 and 2 only, to identify the inspection location.</i>		
		IM	Inspect at Destination		
			<i>Use to indicate that inspection takes place at destination.</i>		

			IO	Inspect at Origin		
			<i>Use to indicate that inspection takes place at origin.</i>			
	CS14	355	Unit or Basis for Measurement Code	O	ID 2/2	
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			<i>Must use in the 2/HL/010 contract loop to identify the contract unit of issue. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i>			
Not Used	CS15	212	Unit Price	O	R 1/17	
			Price per unit of product, service, commodity, etc.			
Not Used	CS16	336	Terms Type Code	O	ID 2/2	
			Code identifying type of payment terms			
Not Used	CS17	1073	Yes/No Condition or Response Code	O	ID 1/1	
			Code indicating a Yes or No condition or response			
Not Used	CS18	1073	Yes/No Condition or Response Code	O	ID 1/1	
			Code indicating a Yes or No condition or response			

Segment: **QTY** Quantity
Position: 040
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify quantity information
Syntax Notes:
Semantic Notes:
Comments:

- Notes:**
- 1. Use in the 2/HL/010 product description loop to identify the total number of resources available (onhand and on order) for the item of supply.*
 - 2. Use multiple repetitions in the 2/HL/010 quantity loop to identify demand and backorder data for the item of supply.*
 - 3. Use in the 2/HL/010 item loop, in conjunction with the 2/LM/170 and 2/N1/190 loops, to stratify the onhand inventory quantity (QTY01 code 17) by material condition, ownership or purpose, and storage location.*
 - 4. Use in the 2/HL/010 order loop, in conjunction with 2/G62/080, and the 2/LM/170 and 2/N1/190 loops, to stratify the due-in inventory quantity (QTY01 code 63) by due date, storage location, and type of due-in.*
 - 5. Must use in every 2/HL/010 contract loop to identify the contract quantity (QTY01 code YX) for the item of supply.*

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
Must Use	QTY01	673	Quantity Qualifier	M ID 2/2
			Code specifying the type of quantity	
		17	Quantity on Hand	
			<i>Must use in every 2/HL/010 item loop to identify the on hand wholesale inventory.</i>	
		63	On Order Quantity	
			<i>Must use in every 2/HL/010 order loop to identify the wholesale due-in inventory.</i>	
		BA	Due-In	
			An anticipated receipt quantity	
			<i>Use in the first 2/HL/010 order loop to identify the total due-in wholesale inventory quantity without regard to due date, receiving storage location or type of due-in.</i>	
		BQ	Backorder Quantity	

	<i>Use in the 2/HL/010 quantity loop to identify the total backorder quantity.</i>
XA	Total of Issuable Assets <i>Use in the first 2/HL/010 item loop to identify the total on hand wholesale assets without regard to ownership or purpose or storage location.</i>
XG	On Hand and Due-In The total quantity on hand and on order <i>Use in the 2/HL/010 product description loop, for review periods 1 and 2, to identify the total number of onhand plus on order wholesale inventory assets.</i>
XJ	Other War Reserve Material Requirements Protectable (OWRMRP) Quantity Total of all War Reserve material to be protected <i>Use in the 2/HL/010 quantity loop to identify the Other War Reserve Material, Recurring, Protected (OWRMRP) quantity.</i>
XZ	Backorder Lines Total Number of transactions held in backorder status <i>Use in the 2/HL/010 quantity loop to identify the number of backorder requisitions.</i>
YA	Total Demand Quantity Sum total of all demands <i>Use in the 2/HL/010 quantity loop to identify the total recurring plus nonrecurring demand quantities for the past four quarters.</i>
YB	Total Demand Orders Total number of demand transactions reflected in total demand quantity <i>Use in the 2/HL/010 quantity loop to identify the total recurring plus nonrecurring demand frequencies for the past four quarters.</i>
YC	First Quarter Recurring Demand Total quantity of recurring demands received in first past quarter <i>Use in the 2/HL/010 quantity loop to identify the appropriate quarterly recurring demand quantity.</i>
YD	First Quarter Recurring Orders Total number of recurring demand transactions received in first past quarter <i>Use in the 2/HL/010 quantity loop to identify the appropriate quarterly recurring demand frequency.</i>

YE	<p>First Quarter Non-recurring Demand</p> <p>Total quantity of non-recurring demands received in first past quarter</p> <p><i>Use in the 2/HL/010 quantity loop to identify the appropriate quarterly nonrecurring demand quantity.</i></p>
YF	<p>First Quarter Non-recurring Orders</p> <p>Total number of non-recurring demand transactions received in first past quarter</p> <p><i>Use in the 2/HL/010 quantity loop to identify the appropriate quarterly nonrecurring demand frequency.</i></p>
YG	<p>Second Quarter Recurring Demand</p> <p>Total quantity of recurring demands received in second past quarter</p> <p><i>Use in the 2/HL/010 quantity loop to identify the appropriate quarterly recurring demand quantity.</i></p>
YH	<p>Second Quarter Recurring Orders</p> <p>Total number of recurring demand transactions received in second past quarter</p> <p><i>Use in the 2/HL/010 quantity loop to identify the appropriate quarterly recurring demand frequency.</i></p>
YJ	<p>Second Quarter Non-recurring Demand</p> <p>Total quantity of non-recurring demands received in second past quarter</p> <p><i>Use in the 2/HL/010 quantity loop to identify the appropriate quarterly nonrecurring demand quantity.</i></p>
YK	<p>Second Quarter Non-recurring Orders</p> <p>Total number of non-recurring demand transactions received in second past quarter</p> <p><i>Use in the 2/HL/010 quantity loop to identify the appropriate quarterly nonrecurring demand frequency.</i></p>
YL	<p>Third Quarter Recurring Demand</p> <p>Total quantity of recurring demands received in third past quarter</p> <p><i>Use in the 2/HL/010 quantity loop to identify the appropriate quarterly recurring demand quantity.</i></p>
YM	<p>Third Quarter Recurring Orders</p> <p>Total number of recurring demand transactions received in third past quarter</p> <p><i>Use in the 2/HL/010 quantity loop to identify the appropriate quarterly recurring demand frequency.</i></p>

YN	<p>Third Quarter Non-recurring Demand</p> <p>Total quantity of non-recurring demands received in third past quarter</p> <p><i>Use in the 2/HL/010 quantity loop to identify the appropriate quarterly nonrecurring demand quantity.</i></p>
YP	<p>Third Quarter Non-recurring Orders</p> <p>Total number of non-recurring demand transactions received in third past quarter</p> <p><i>Use in the 2/HL/010 quantity loop to identify the appropriate quarterly nonrecurring demand frequency.</i></p>
YQ	<p>Fourth Quarter Recurring Demand</p> <p>Total quantity of recurring demands received in fourth past quarter</p> <p><i>Use in the 2/HL/010 quantity loop to identify the appropriate quarterly recurring demand quantity.</i></p>
YR	<p>Fourth Quarter Recurring Orders</p> <p>Total number of recurring demand transactions received in fourth past quarter</p> <p><i>Use in the 2/HL/010 quantity loop to identify the appropriate quarterly recurring demand frequency.</i></p>
YS	<p>Fourth Quarter Non-recurring Demand</p> <p>Total quantity of non-recurring demands received in fourth past quarter</p> <p><i>Use in the 2/HL/010 quantity loop to identify the appropriate quarterly nonrecurring demand quantity.</i></p>
YT	<p>Fourth Quarter Non-recurring Orders</p> <p>Total number of non-recurring demand transactions received in fourth past quarter</p> <p><i>Use in the 2/HL/010 quantity loop to identify the appropriate quarterly nonrecurring demand frequency.</i></p>
YW	<p>Reorder Point Quantity</p> <p>Quantity at which a reorder should take place</p> <p><i>Use in the 2/HL/010 quantity loop to identify the computed reorder point quantity.</i></p>
YX	<p>Contract Line Item Quantity</p> <p>The quantity of material cited under a specific contract line item</p> <p><i>Use in the 2/HL/010 contract loop to identify the total quantity delivered on the CLIN/SUBCLIN.</i></p>

Must Use	QTY02	380	Quantity Numeric value of quantity	M R 1/15
Not Used	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
Not Used	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M ID 2/2
Not Used	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10

Segment:	RCD Receiving Conditions
Position:	050
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To report receiving conditions and specify contested quantities
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of RCD02 RCD04 or RCD06 is required. 2 If either RCD02 or RCD03 is present, then the other is required. 3 If either RCD04 or RCD05 is present, then the other is required. 4 If any of RCD06 RCD07 or RCD08 is present, then all are required. 5 If any of RCD09 RCD10 or RCD11 is present, then all are required. 6 If any of RCD12 RCD13 or RCD14 is present, then all are required. 7 If any of RCD15 RCD16 or RCD17 is present, then all are required. 8 If any of RCD18 RCD19 or RCD20 is present, then all are required.
Semantic Notes:	<ol style="list-style-type: none"> 1 RCD01 is the receiving advice line item identification. 2 RCD21 is the cumulative quantity of goods received for a specific time period.
Comments:	<ol style="list-style-type: none"> 1 See the Data Element Dictionary for a complete list of receiving condition IDs. 2 RCD06 through RCD20 provide for five different quantities whose condition upon receipt is under question.
Notes:	<i>Must use in every 2/HL/010 quality characteristics loop to identify quantity information associated with each PQDR.</i>

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	RCD01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
Must Use	RCD02	663	Quantity Units Received or Accepted Number of Units Received or Accepted <i>Use to identify the total quantity received as reported on the PQDR. Express as a whole number with no decimal.</i>	X R 1/9
Must Use	RCD03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>Use to identify the unit of issue for the material. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i> Refer to 003060 Data Element Dictionary for acceptable code values.	M ID 2/2
Not Used	C00102	1018	Exponent Power to which a unit is raised	O R 1/15

Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	RCD04	664	Quantity Units Returned Number of units returned	X R 1/9
Not Used	RCD05	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X
Not Used	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M ID 2/2
Not Used	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00103	649	Multiplier	O R 1/10

			Value to be used as a multiplier to obtain a new value	
Not Used	C00104	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00105	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00106	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00107	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00108	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00109	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00110	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00111	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00112	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00113	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00114	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00115	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	RCD06	667	Quantity in Question	X R 1/9
			Number of units contested because of physical condition or status of units	
			<i>Use to identify the total quantity reported as deficient. Express as a whole number with no decimal.</i>	
	RCD07	C001	Composite Unit of Measure	X
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<i>Use to identify the unit of issue for the material. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i>	

			Refer to 003060 Data Element Dictionary for acceptable code values.	
Not Used	C00102	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00103	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00104	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00105	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00106	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00107	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00108	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00109	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00110	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00111	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00112	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00113	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00114	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00115	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	RCD08	412	Receiving Condition Code	X ID 2/2
			Code designating physical condition or status of units received in a specific shipment	
			04 Quality Problem	
Not Used	RCD09	667	Quantity in Question	X R 1/9
			Number of units contested because of physical condition or status of units	
Not Used	RCD10	C001	Composite Unit of Measure	X
			To identify a composite unit of measure (See Figures Appendix for	

			examples of use)		
Not Used	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M	ID 2/2
Not Used	C00102	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	RCD11	412	Receiving Condition Code Code designating physical condition or status of units received in a specific shipment	X	ID 2/2
Not Used	RCD12	667	Quantity in Question Number of units contested because of physical condition or status of units	X	R 1/9

Not Used	RCD13	C001	Composite Unit of Measure	X
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Not Used	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00102	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00103	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00104	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00105	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00106	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00107	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00108	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00109	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00110	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00111	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00112	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00113	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00114	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00115	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	RCD14	412	Receiving Condition Code	X ID 2/2
			Code designating physical condition or status of units received in a specific shipment	

Not Used	RCD15	667	Quantity in Question Number of units contested because of physical condition or status of units	X R 1/9
Not Used	RCD16	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X
Not Used	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M ID 2/2
Not Used	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	RCD17	412	Receiving Condition Code	X ID 2/2

			Code designating physical condition or status of units received in a specific shipment	
Not Used	RCD18	667	Quantity in Question	X R 1/9
			Number of units contested because of physical condition or status of units	
Not Used	RCD19	C001	Composite Unit of Measure	X
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Not Used	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00102	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00103	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00104	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00105	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00106	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00107	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00108	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00109	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00110	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00111	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00112	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00113	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00114	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00115	649	Multiplier	O R 1/10

			Value to be used as a multiplier to obtain a new value		
Not Used	RCD20	412	Receiving Condition Code	X	ID 2/2
			Code designating physical condition or status of units received in a specific shipment		
Not Used	RCD21	380	Quantity	O	R 1/15
			Numeric value of quantity		

Segment:	N9	Reference Identification
Position:	060	
Loop:	HL	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier	
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N902 or N903 is required. 2 If N906 is present, then N905 is required. 3 If either C04003 or C04004 is present, then the other is required. 4 If either C04005 or C04006 is present, then the other is required. 	
Semantic Notes:	<ol style="list-style-type: none"> 1 N906 reflects the time zone which the time reflects. 2 N907 contains data relating to the value cited in N902. 	
Comments:		
Notes:	<ol style="list-style-type: none"> 1. Use in the 2/HL/010 product description loop to identify general logistics reassignment information associated with the item of supply. 2. Must use in every 2/HL/010 contract loop to identify the material ordered. 3. Must use in every 2/HL/010 quality characteristics loop to identify the control numbers associated with the PQDR. 4. Must use with every 2/HL/010 line detail loop to distinguish between complaints cited on each PQDR. 	

Data Element Summary

Ref.	Data	Attributes
Des.	Element	Name
Must Use	N901	128
		Reference Identification Qualifier
		Code qualifying the Reference Identification
		55 Sequence Number
		<i>Must use in every 2/HL/010 line detail loop to identify the complaint sequence number for each complaint cited on the PQDR. In the first 2/HL/010 line detail loop iteration, cite numeric 1 in N902. In each subsequent 2/HL/010 loop iteration, increase the N902 value incrementally by 1.</i>
		MF Manufacturers Part Number
		<i>Must use in every 2/HL/010 contract loop to identify the manufacturer's part for the material being supplied.</i>
		NZ Critical Application
		<i>Use in the 2/HL/010 product description loop, for</i>

review periods 1 and 2, to indicate that the item has a critical application as defined by Defense Logistics Agency Regulation (DLAR) 3200.1, et al; otherwise, do not use. Cite one of the following codes in N902, as appropriate:

*1 - Item is essential to a weapon system.
2 - Item is essential to the preservation of life in emergencies.
3 - Item is essential to the safety of operating personnel.*

QR

Quality Report Number

Must use in every 2/HL/010 quality characteristics loop to identify the PQDR report control number assigned by the originator of the PQDR.

TP

Test Specification Number

Use in the 2/HL/010 product description loops for review periods 1 and 2, to identify the first article testing requirement for the item of supply; otherwise, do not use. Cite one of the following codes in N902, as appropriate:

*U - Undetermined.
Y - First article testing is required.
N - First article testing is not required.*

WC

Contract Option Number

The number of contract option years remaining on the current contract

Use in the 2/HL/010 product description loop, for review periods 1 and 2, to identify the number of option years available past the current expiration date for the term or requirement contract identified in 2/CON/070; otherwise, do not use. Express N902 as a whole number beginning with 0 (e.g., 0 indicating that no contract extension is possible, 1 indicating a one year extension).

Must Use	N902	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	N903	369	Free-form Description	X	AN 1/45
			Free-form descriptive text		
Not Used	N904	373	Date	O	DT 6/6
			Date (YYMMDD)		
Not Used	N905	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS,		

or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	N906	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
	N907	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Must Use	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			W7	Commercial and Government Entity (CAGE) Code
				Code that identifies a commercial contractor authorized to do business with the U.S. Government
				<i>Use with N901 code MF to uniquely identify the manufacturer's part number.</i>
Must Use	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04003	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04004	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04005	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04006	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **CON** **Contract Number Detail**
Position: 070
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify contract or reference number and status
Syntax Notes:
Semantic Notes:
Comments:

Notes: *Use in the 2/HL/010 product description loop, for review periods 1 and 2, to identify any current term or requirement contract number that is available for placement of stock replenishment and or direct delivery orders for requisitioners.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	CON01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			CT Contract Number	
			<i>Use to identify the term or requirements contract number.</i>	
Must Use	CON02	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Must Use	CON03	846	Contract Status Code	M ID 2/2
			Code designating the current status of the contract	
			VA Valid Open Contract	

Segment: **G62** Date/Time

Position: 080

Loop: HL Mandatory

Level: Detail

Usage: Optional

Max Use: 50

Purpose: To specify pertinent dates and times

Syntax Notes:

- 1 At least one of G6201 or G6203 is required.
- 2 If either G6201 or G6202 is present, then the other is required.
- 3 If either G6203 or G6204 is present, then the other is required.

Semantic Notes:

Comments:

Notes: 1. Use multiple repetitions in the 2/HL/010 product description loop to identify unique general management dates associated with the item of supply.

2. Use in the 2/HL/010 order loop in conjunction with 2/G62/080, and the 2/LM/170 and 2/N1/190 loops, to stratify the due-in inventory quantity by due date, storage location, and type of due-in.

3. Must use multiple repetitions in every 2/HL/010 contract loop to identify date information related to contract history for the item of supply.

4. Must use in every 2/HL/010 quality characteristics loop to identify dates associated with a PQDR.

Data Element Summary

Ref.	Data			Attributes
Des.	Element	Name		
Must Use	G6201	432	Date Qualifier	X ID 2/2
			Code specifying type of date	
		02	Delivery Requested on This Date	
			Use in every 2/HL/010 contract loop to identify the original CLIN delivery date.	
		11	Shipped on This Date	
			Use in every 2/HL/010 contract loop to identify the date the last shipment was made.	
		17	Estimated Delivery Date	
			Use in every 2/HL/010 order loop to identify the due-in date for the due-in quantity reported.	
		36	Expiration Date	
			Use in the 2/HL/010 product description loop, for review periods 1 and 2, to identify the expiration date of the term or requirement contract cited in 2/CON/070; otherwise, do not use.	
		85	Date Issued	

				<i>Use in every 2/HL/010 contract loop to identify the date of contract award.</i>	
		BM	Contract Physically Completed Date contractor made final delivery or performed last service		
				<i>Use in the 2/HL/010 contract loop to indicate the physical completion of the contract.</i>	
		BS	Product Receipt Date Date that receipt takes place		
				<i>Use in every 2/HL/010 contract loop to indicate the last receipt date.</i>	
		BX	Action The date when next required action is to be completed		
				<i>Use in every 2/HL/010 quality characteristics loop to identify the closing date of the PQDR investigation.</i>	
		CA	Cutoff Date The date defining the last day of record for the current processing cycle		
				<i>Use in every 2/HL/010 product description loop to identify the extract date of logistics reassignment data from LIMs' files.</i>	
		LA	Last Acquisition The date of the last acquisition for production services		
				<i>Use in the 2/HL/010 product description loop, for review periods 1 and 2, to identify the most recent purchase request date.</i>	
		LD	Last Demand The date when the last request for material was recorded		
				<i>Use in the 2/HL/010 product description loop, for review periods 1 and 2, to identify the most recently recorded demand date.</i>	
Must Use	G6202	373	Date Date (YYMMDD)	X	DT 6/6
Not Used	G6203	176	Time Qualifier Code specifying the reported time	X	ID 1/2
Not Used	G6204	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal	X	TM 4/8

seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	G6205	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
	G6206	624	Century	O N0 2/2
			The first two characters in the designation of the year (CCYY)	

Segment:	CTP Pricing Information
Position:	090
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To specify pricing information
Syntax Notes:	<ol style="list-style-type: none"> 1 If either CTP04 or CTP05 is present, then the other is required. 2 If CTP06 is present, then CTP07 is required. 3 If CTP09 is present, then CTP02 is required. 4 If CTP10 is present, then CTP02 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given. 2 CTP08 is the rebate amount.
Comments:	<ol style="list-style-type: none"> 1 See Figures Appendix for an example detailing the use of CTP03 and CTP04. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.
Notes:	<i>Must use in every 2/HL/010 contract loop to identify the CLIN unit price from the award.</i>

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	CTP01	687	Class of Trade Code		O ID 2/2
			Code indicating class of trade		
Must Use	CTP02	236	Price Identifier Code		X ID 3/3
			Code identifying pricing specification		
			ACT	Actual	
				The final negotiated contract price	
			EST	Estimated Price	
			FCH	Flat Charge	
				<i>Use to indicate that the item of supply is not separately priced.</i>	
			FGP	Free Goods Price	
				<i>Use to indicate that the unit price is not applicable.</i>	
			OAP	Optional to Advise Unit Price	
				<i>Use to indicate that the unit price is not available.</i>	
	CTP03	212	Unit Price		O R 1/17
			Price per unit of product, service, commodity, etc.		
			<i>Do not use if no price applies. Express the contract unit price in dollars and cents, including the decimal.</i>		
Not Used	CTP04	380	Quantity		X R 1/15
			Numeric value of quantity		

Not Used	CTP05	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X
Not Used	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M ID 2/2
Not Used	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	CTP06	648	Price Multiplier Qualifier Code indicating the type of price multiplier	O ID 3/3
Not Used	CTP07	649	Multiplier	X R 1/10

			Value to be used as a multiplier to obtain a new value	
Not Used	CTP08	782	Monetary Amount	O R 1/15
			Monetary amount	
Not Used	CTP09	639	Basis of Unit Price Code	O ID 2/2
			Code identifying the type of unit price for an item	
Not Used	CTP10	499	Condition Value	O AN 1/10
			Identifies rate restrictions or provisions	
Not Used	CTP11	289	Multiple Price Quantity	O N0 1/2
			Quantity of units for a given price, e.g., 3 for \$10.00	

Segment: **G69** Line Item Detail - Description
Position: 100
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 30
Purpose: To describe an item in free-form format
Syntax Notes:
Semantic Notes:
Comments:

Notes: *1. Use multiple repetitions in the 2/HL/010 product description loop, for review periods 1 and 2, to identify the clear text purchase description.*
2. Use in every 2/HL/010 quality characteristics loop to identify item nomenclature as reported on the PQDR.

Data Element Summary

	Ref.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	G6901	369	Free-form Description	M AN 1/45
			Free-form descriptive text	

Segment: **LDT** **Lead Time**
Position: 120
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To specify lead time for availability of products and services
Syntax Notes:
Semantic Notes: 1 LDT04 is the effective date of lead time information.
Comments: 1 LDT02 is the quantity of unit of time periods.
Notes: *Use in the 2/HL/010 product description loop, for review periods 1 and 2, to identify production leadtimes for the item of supply.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LDT01	345	Lead Time Code Code indicating the time range AE From date of PO receipt to shipment <i>Use to indicate the production leadtime, defined as the time between the award of a contract and material receipt into the supply system.</i>	M ID 2/2
Must Use	LDT02	380	Quantity Numeric value of quantity <i>Use to identify the numeric value of production leadtime days.</i>	M R 1/15
Must Use	LDT03	344	Unit of Time Period or Interval Code indicating the time period or interval DY Day	M ID 2/2
Not Used	LDT04	373	Date Date (YYMMDD)	O DT 6/6

Segment:	MEA Measurements
Position:	130
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	5
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required. 2 If MEA05 is present, then MEA04 is required. 3 If MEA06 is present, then MEA04 is required. 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required. 5 Only one of MEA08 or MEA03 may be present.
Semantic Notes:	1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:	1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
Notes:	<i>Use two repetitions in the 2/HL/010 product description loop, for review periods 1 and 2, to identify the maximum unit pack weight and cube associated with the item of supply.</i>

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	MEA01	737	Measurement Reference ID Code	O ID 2/2
			Code identifying the broad category to which a measurement applies	
Must Use	MEA02	738	Measurement Qualifier	O ID 1/3
			Code identifying a specific product or process characteristic to which a measurement applies	
		G	Gross Weight	
			<i>Use to identify the maximum gross weight of the unit pack.</i>	
		UCB	Cube	
			The external cubic dimensions of a specified product	
			<i>Use to identify the maximum cube of the unit pack.</i>	
Must Use	MEA03	739	Measurement Value	X R 1/20
			The value of the measurement	
			<i>Express both the unit pack weight and cube values as a whole number with decimal positions.</i>	
Must Use	MEA04	C001	Composite Unit of Measure	X
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner	

			in which a measurement has been taken	
			CF	Cubic Feet
				<i>Use to indicate the unit pack cube in cubic feet.</i>
			LB	Pound
				<i>Use to indicate the unit pack weight in pounds.</i>
Not Used	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	MEA05	740	Range Minimum The value specifying the minimum of the measurement range	X R 1/20
Not Used	MEA06	741	Range Maximum The value specifying the maximum of the measurement range	X R 1/20

Not Used	MEA07	935	Measurement Significance Code	O ID 2/2
			Code used to benchmark, qualify or further define a measurement value	
Not Used	MEA08	936	Measurement Attribute Code	X ID 2/2
			Code used to express an attribute response when a numeric measurement value cannot be determined	
Not Used	MEA09	752	Surface/Layer/Position Code	O ID 2/2
			Code indicating the product surface, layer or position that is being described	
Not Used	MEA10	1373	Measurement Method or Device	O ID 2/4
			The method or device used to record the measurement	

Segment:	PWK Paperwork
Position:	150
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify the type and transmission of paperwork or supporting information
Syntax Notes:	1 If either PWK05 or PWK06 is present, then the other is required.
Semantic Notes:	
Comments:	1 PWK05 and PWK06 may be used to identify the addressee by a code number. 2 PWK07 may be used to indicate special information to be shown on the specified report. 3 PWK08 may be used to indicate action pertaining to a report.
Notes:	<i>1. Use in the 2/HL/010 product description loop to identify general logistics reassignment information associated with the item of supply.</i> <i>2. Must use in every 2/HL/010 quality characteristics loop to identify the PQDR report type and originator.</i> <i>3. If either PWK04, PWK05, or PWK06 is present, then the others are required.</i>

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	PWK01	755 Report Type Code	M ID 2/2
		Code indicating the title or contents of a document, report or supporting item	
		<i>Use one of codes S5 or S6 in every 2/HL/010 quality characteristics loop to identify the PQDR as either a category I or II report.</i>	
		PG Packaging Specification	
		Specifications detailing how individual products, or groups of products, are to be packaged for shipment	
		<i>Use only in the 2/HL/010 product description loop, for review periods 1 and 2, to indicate that specific preservation, packaging, packing and marking data is available. Cite the following codes in PWK07 as applicable:</i>	
		<i>Y - Specifications are available.</i>	
		<i>N - Specifications are not yet available.</i>	
		S5 Product Quality Deficiency Report Category I	
		A report identifying a product deficiency which has the potential to cause death, injury, severely restricts combat readiness or results in a production line stoppage	

		S6	Product Quality Deficiency Report Category II A report identifying all product deficiencies not covered by a Category I report	
Not Used	PWK02	756	Report Transmission Code Code defining timing, transmission method or format by which reports are to be sent	O ID 1/2
Not Used	PWK03	757	Report Copies Needed The number of copies of a report that should be sent to the addressee	O N0 1/2
	PWK04	98	Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual <i>Use in every 2/HL/010 quality characteristics loop only to identify the PQDR originator.</i>	O ID 2/2
		41	Submitter Entity transmitting transaction set	
	PWK05	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	X ID 1/2
		1	D-U-N-S Number, Dun & Bradstreet	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		10	Department of Defense Activity Address Code (DODAAC)	
		A2	Military Assistance Program Address Code (MAPAC) Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity <i>Use to indicate the Security Assistance (SA) structured address data. Interpretation of this data may require additional codes cited elsewhere in the transaction.</i>	
		M4	Department of Defense Routing Identifier Code (RIC) An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions	
	PWK06	67	Identification Code Code identifying a party or other code	X AN 2/20
	PWK07	352	Description A free-form description to clarify the related data elements and their content <i>Use in the 2/HL/010 product description loop, for review periods 1 and 2, to identify coded information defined in PWK01 code PG; otherwise, do not use.</i>	O AN 1/80

Not Used	PWK08	C002	Actions Indicated	O
			Actions to be performed on the piece of paperwork identified	
Not Used	C00201	704	Paperwork/Report Action Code	M ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
Not Used	C00202	704	Paperwork/Report Action Code	O ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
Not Used	C00203	704	Paperwork/Report Action Code	O ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
Not Used	C00204	704	Paperwork/Report Action Code	O ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
Not Used	C00205	704	Paperwork/Report Action Code	O ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
Not Used	PWK09	1525	Request Category Code	O ID 1/2
			Code indicating a type of request	

Segment: **MSG** Message Text
Position: 160
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To provide a free-form format that allows the transmission of text information
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes: *Use multiple repetitions in the 2/HL/010 line detail loop only to identify the PQDR deficiency description, investigation results, and disposition.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer	O ID 2/2

Segment:	LM	Code Source Information
Position:	170	
Loop:	LM	Optional (Must Use)
Level:	Detail	
Usage:	Optional (Must Use)	
Max Use:	1	
Purpose:	To transmit standard code list identification information	
Syntax Notes:		
Semantic Notes:		
Comments:	1 LM02 identifies the applicable industry code list source information.	
Notes:	<p><i>1. Must use this 2/LM/170 loop to identify coded information maintained in departmental or agency documentation.</i></p> <p><i>2. Must use in the 2/HL/010 product description loop to identify the type of transaction and general management and material description information associated with the item of supply.</i></p> <p><i>3. Must use in every 2/HL/010 item loop, in conjunction with 2/QTY/040 and the 2/N1/190 loop, to stratify the onhand inventory quantity by material condition, ownership, and storage location.</i></p> <p><i>4. Must use in every 2/HL/010 order loop in conjunction with 2/G62/080, and the 2/LM/170 and 2/N1/190 loops, to stratify the due-in inventory quantity by due date, storage location, and type due-in.</i></p> <p><i>5. Must use in every 2/HL/010 contract loop to identify coded information associated with the contract.</i></p>	

Data Element Summary

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	LM01	559 Agency Qualifier Code	M ID 2/2
		Code identifying the agency assigning the code values	
		DF Department of Defense (DoD)	
Not Used	LM02	822 Source Subqualifier	O AN 1/15
		A reference that indicates the table or text maintained by the Source Qualifier	

Segment: **LQ** Industry Code
Position: 180
Loop: LM Optional (Must Use)
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:
Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Must Use	LQ01	1270	Code List Qualifier Code	O ID 1/3
			Code identifying a specific industry code list	
			<i>Use code 99 or A1 (but not both), as needed, in every 2/HL/010 item loop.</i>	
		0	Document Identification Code	
			Codes that subclassify a transaction	
		2	Type of Business Code	
			The classification of a contractor's business	
			<i>Use in the 2/HL/010 contract loop.</i>	
		4	Type of Contract Code	
			Types of contract pricing provisions	
			<i>Use in the 2/HL/010 contract loop.</i>	
		5	Criticality Designator Code	
			Classifies the order of importance of contracts for production and performance surveillance	
			<i>Use in the 2/HL/010 contract loop.</i>	
		83	Supply Condition Code	
			Classifies material by readiness for issue and use, describes actions underway to change the status of material, or identifies material as excess or not serviceable	
			<i>Must use in every 2/HL/010 item loop to identify the material condition of the on hand quantity reported.</i>	
		99	Purpose Code	
			Codes that inform the material owner why an inventory balance is being reserved	

				<i>Use in 2/HL/010 item loops to identify the purpose of the onhand quantity reported.</i>
		A1	Ownership Code	Items included in the inventory records of an organization that is not the owner of the items
				<i>Use in the 2/HL/010 item loops to identify the ownership of the onhand quantity reported.</i>
		AH	Acquisition Method Suffix Code	Supplements the acquisition method code description
				<i>Use in the 2/HL/010 contract loop.</i>
		AI	Acquisition Method Code	Describes the method of acquisition used in obtaining material
				<i>Use in the 2/HL/010 contract loop.</i>
		EH	Type Due-In Indicator	<i>Must use in every 2/HL/010 order loop to identify the type due-in indicator code for the due-in quantity reported.</i>
		EV	Review Period Indicator Code	Review period relative to decapitalization date
				<i>Must use in every 2/HL/010 product description loop.</i>
		EZ	Type Inspection Code	The level of quality control
				<i>Use in the 2/HL/010 product description loop, only for review periods 1 and 2.</i>
		FF	Essentiality Code	The essentiality of an item
				<i>Use in the 2/HL/010 product description loop, only for review periods 1 and 2.</i>
		FG	Source Maintenance and Recoverability Code	Codes that provide source, maintenance, and recoverability data for material that can be repaired
				<i>Use in the 2/HL/010 product description loop, only for review periods 1 and 2.</i>
Must Use	LQ02	1271	Industry Code	X AN 1/30
			Code indicating a code from a specific industry code list	

Segment:	N1 Name
Position:	190
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<ol style="list-style-type: none"> 1. <i>Must use one iteration of this 2/N1/190 loop to identify the organization to receive the transaction.</i> 2. <i>Use additional iterations to identify other organizations associated with the transaction.</i> 3. <i>Must use in the 2/HL/010 item loop, in conjunction with 2/QTY/040 and the 2/LM/170 loop, to stratify the onhand inventory quantity by material condition, ownership, and storage location.</i> 4. <i>Must use in the 2/HL/010 order loop, in conjunction with 2/G62/080 and the 2/LM/170 and 2/N1/190 loops, to stratify the due-in inventory quantity by due date, storage location, and type due-in.</i> 5. <i>Use in every 2/HL/010 contract loop to identify organizations associated with the contract.</i> 6. <i>Use in every 2/HL/010 quality characteristics loop to identify organizations associated with the PQDR.</i>

Data Element Summary

Ref.	Data	Attributes
Des.	Element Name	
Must Use	N101 98 Entity Identifier Code	M ID 2/2
	Code identifying an organizational entity, a physical location, or an individual	
	C4 Contract Administration Office	
	Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all	

				contractors in the geographic area
				<i>Use in the 2/HL/010 contract loop to identify the applicable contract administration services component identifier.</i>
		DG	Design Engineering	Identifies the design engineer or office of the design engineer who will receive design specifications
				<i>Use in the 2/HL/010 contract loop to identify the original equipment manufacturer or design control activity.</i>
		MF	Manufacturer of Goods	
				<i>Must use in every 2/HL/010 quality characteristics loop to identify the manufacturer or prime contractor for the material reported on the PQDR.</i>
		PL	Party to Receive Purchase Order	
				<i>Must use in every 2/HL/010 contract loop to identify the contract awardee.</i>
		RC	Receiving Location	
				<i>Must use in every 2/HL/010 order loop to identify the receiving storage location for the due-in quantity reported.</i>
		SB	Storage Area	
				<i>Must use in every 2/HL/010 item loop to identify the storage location of the on hand quantity reported.</i>
		ZP	Gaining Inventory Manager	
			The organization assuming management responsibility for an individual item of supply	
				<i>Use in the 2/HL/010 product description loop to identify the gaining item manager to receive the transaction.</i>
		ZQ	Screening Point	
				<i>Must use in the 2/HL/010 quality characteristics loop to identify the designated screening point for the PQDR.</i>
Not Used	N102	93	Name	X AN 1/35
			Free-form name	
Must Use	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
		1	D-U-N-S Number, Dun & Bradstreet	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	

		10	Department of Defense Activity Address Code (DODAAC)		
		33	Commercial and Government Entity (CAGE)		
			<i>Use as needed with N101 codes DG, MF, and PL when no DODAAC is assigned.</i>		
		M4	Department of Defense Routing Identifier Code (RIC)		
			An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions		
Must Use	N104	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
Not Used	N105	706	Entity Relationship Code	O	ID 2/2
			Code describing entity relationship		
	N106	98	Entity Identifier Code	O	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
		TO	Message To		
			<i>Must use with the 2/N101/190 code ZP to indicate the organization cited in N104 is receiving the transaction.</i>		

Segment: **SE** Transaction Set Trailer
Position: 240
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:**Semantic Notes:**

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Cite the same number as the one cited in ST02.</i>	